# APPENDIX I

# GLOSSARY

ABO—Aviators breathing oxygen.

ACM—Air-cycle machine.

ACS—Air-conditioning system.

ADC—Air data computer.

AFC—Airframes change.

AIMD—Aircraft intermediate maintenance department.

ALLOY—A metal that is a mixture of two or more metals.

AMBIENT—Surrounding; adjacent to; next to. For example, ambient conditions are physical conditions of the immediate area such as ambient temperature, ambient humidity, ambient pressure, etc.

AN—Air Force—Navy (standard or specification).

ANOXIA—A complete lack of oxygen in the blood stream.

APU—Auxiliary power unit.

BIT—Built-in tester.

BLEED AIR—Hot, high-pressure air, taken from the compressor section of a jet engine.

BRU—Barastatic release unit.

CAD—Cartridge and cartridge-actuated devices.

CAUTION—An operating procedure, practice, etc., that if not strictly observed could result in damage to or destruction of equipment.

CCU—Component control unit.

CDI—Collateral duty inspector.

CELSIUS—A temperature scale using 0 as the freezing point of water and 100 as the boiling point. The scale has 100 equal divisions between the 0 and 100 with each division designated a degree. A reading is usually written in an abbreviated form; for example, 75°C. This scale was formerly known as the centigrade scale, but it was renamed in recognition of Anders Celsius, the Swedish astronomer who devised the scale.

$CF_3Br$—The chemical symbol for trifluorobromomethane.

CNO—Chief of Naval Operations.

CONTAMINANT—An impurity such as harmful foreign matter in a fluid.

DODIC—Department of Defence Information Code.

DTG—Date-time group.

ECS—Environmental control systems.

EI—Engineering investigation.

FCDC—Flexible confined detonating cord.

FLSC—Flexible linear shaped charge.

GPM—gallons per minute.

Hg—Mercury.

IMA—Intermediate maintenance activity.

IMP—Initiator multi-purpose.

IPB—Illustrated parts breakdown.

JULIAN DATE—The year and numerical day of the year identified by four numeric characters. The first character indicates the year, and the remaining three characters specify the day of the year. For example, 3030 indicates the 30th day of 1983.

KINKED—A twist or curl, as in cable, wire, or tubing, caused by its doubling or bending upon itself.

LOX—Liquid oxygen.

LRU—Leg restraint unit.

MAINTENANCE—The function of retaining material in or restoring it to a serviceable condition.

MBEU—Martin-Baker Ejection Unit (seat).

MIM—Maintenance Instruction Manual.

MRC—Maintenance Requirement Card.

MULTIMETER—An instrument used for measuring resistance, voltage, or amperage.

NACES—Naval aircrew escape system.

NADEP—Naval Aviation Depot.

NATOPS—Naval Air Training and Operating Procedures Standardization.

NAVAIRSYSCOM—NAVAIR; NA (Naval Air Systems Command).

NFO—Naval flight officer.

NOMENCLATURE—A system of names; systematic naming.

NOTE—An operating procedure, condition, etc., which, because of its importance, is essential to highlight.

NSN—National stock number.

OPNAV—Office of the Chief of Naval Operations.

OXIDATION—That process by which oxygen unites with some other substance, causing rust or corrosion.

PHYSIOLOGICAL—Of or pertaining to the body.

PRESSURE—The amount of force distributed over each unit of area. Pressure is expressed in pounds per square inch (psi).

PSI—Pounds per square inch.

PSIA—Pounds per square inch absolute.

PSIG—Pounds per square inch gauge.

PSYCHOLOGICAL—Pertaining to, or derived from the mind or emotions.

RAC—Rapid action change.

SAFETY WIRE/LOCKWIRE—A wire set into a component to lock movable parts into a safe, secure position.

SDLM—Standard depot-level maintenance.

SE—Support equipment. All the equipment on the ground needed to support aircraft in a state of readiness for flight. Formerly ground support equipment (GSE).

SERVICING—The filling of an aircraft with consumables such as fuel, oil, and compressed gases to predetermined levels, pressure, quantities, or weights.

SJU—Seat jettison unit.

SMDC—Shielded mild detonating cord.

SOLVENT—A liquid that dissolves other substances.

SPCC—Ships Parts Control Center.

TENSION—A force or pressure exerting a pull or resistance.

TM—Type maintenance.

T/M/S—Type/model/series.

TORQUE—A turning or twisting force.

TOXIC—Harmful, destructive, deadly; poisonous.

VOLATILE LIQUIDS—Liquids that are readily vaporizable at relatively low temperatures. Explosive liquids.

WARNING—An operating procedure, practice, etc., that if not followed correctly could result in personal injury or loss or life.

WORK—The transference of energy from one body or system to another. That which is accomplished by a force acting through a distance.

# APPENDIX II

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*U.S. Government Printing Office: 1993 — 533-127/80067